the specification of which

Docket No. P07 42719

Declaration For Patent Application English Language Declaration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

GENETIC MARKER FOR SPONDYLOEPIMETAPHYSEAL DYSPLASIA

☐ is attached here was filed on 09 Application Num	17/99	as United States Application No.	or PCT International
and was amende			
		(if applicable)	
		erstand the contents of the above i endment referred to above.	dentified specification,
		nited States Patent and Trademark y as defined in Title 37, Code of	
Section 365(b) of a any PCT Internation listed below and have	ny foreign application(s) al application which desi re also identified below, l or PCT International ap	ter Title 35, United States Code, for patent or inventor's certificate gnated at least one country other to by checking the box, any foreign application having a filing date before	, or Section 365(a) of han the United States, pplication for patent or
Prior Foreign Applic	ation(s)		Priority Not Claimed
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section 365(c) of any PCT Interna nsofar as the subject matter of e Junited States or PCT Internationa J.S.C. Section 112, I acknowledg Office all information known to r section 1.56 which became availat or PCT International filing date of the post of the properties of the post of the post of the properties of the post of the properties of the post of the properties of the post of post of p	tional application designating ach of the claims of this ap I application in the manner e the duty to disclose to the ne to be material to patent ole between the filing date of its application:	g the United States, listed below and plication is not disclosed in the pric provided by the first paragraph of 3 United States Patent and Trademarability as defined in Title 37, CFI f the prior application and the national (Status)

willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor DANIEL H. COHN	
Sole or first Inventor's signature	Date 11/17/44
Residence 538 14th STREET, SANTA MONICA, CA 90402	
Citizenship UNITED STATES	
Post Office Address SAME AS ABOVE	

Full name of second inventor, if any MUHAMMAD FAIYAZ-UL-HAQUE	
Second inventor's signature	Date
Residence HOUSE #250, STREET #31, SECTOR 1-8/2, ISLAMABAD, PAKISTAN	
Citizenship PAKISTAN	
Post Office Address SAME AS ABOVE	

LILY KING	
Third inventor's signature	Date
dily	11-17-99
Residence 5766 WEST OLYMPIC BOULEVARD, LOS ANGELES, CA 90036	
Citizenship UNITED STATES	
Post Office Address SAME AS ABOVE	

DEBORAH KRAKOW	
Fourth inventor's signature Cultorch Kraulow	Date \\\\7 / 9 9
Residence 10828 WELLWORTH AVENUE, LOS ANGELES, CA 90024	
Citizenship UNITED STATES	
Post Office Address SAME AS ABOVE	

HONOAC NUMBERS

Docket No. P07 42719

Declaration For Patent Application English Language Declaration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for

which a patent is sough	it on the invention	eriuueu	
GENETIC M.	ARKER FOR SPON	DYLOEPIMETAPHYSEAL DYSPLASIA	
the specification of whi	ch		
(check one)			
☐ is attached hereto.			*
was filed on _09/17/	99	as United States Application No.	or PCT International
Application Number	09/399,212		
and was amended	on		
		(if applicable)	
		understand the contents of the above is amendment referred to above.	dentified specification,
	wledge the duty to disclose to the United States Patent and Trademark Office all info to me to be material to patentability as defined in Title 37, Code of Federal Regu 1.56.		
Section 1.56.	iateriai to paterita	bility as defined in Title 37, Code of	Federal Regulations,
Section 1.56. I hereby claim foreign Section 365(b) of any any PCT International listed below and have inventor's certificate or on which priority is claim	n priority benefits foreign application application which o also identified belo PCT International med.	bility as defined in Title 37, Code of under Title 35, United States Code, n(s) for patent or inventor's certificate, designated at least one country other the two by checking the box, any foreign at application having a filing date before	Section 119(a)-(d) or or Section 365(a) of nan the United States, plication for patent or that of the application
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Section 1.56. I hereby claim foreign Section 365(b) of any any PCT International ilisted below and have inventor's certificate or on which priority is claim. Prior Foreign Application	priority benefits foreign application application which a also identified belo PCT International med.	under Title 35, United States Code, n(s) for patent or inventor's certificate, designated at least one country other tow, by checking the box, any foreign an application having a filing date before	Section 119(a)-(d) or or Section 365(a) of nan the United States, oplication for patent or that of the application
Section 1.56. I hereby claim foreign Section 365(b) of any any PCT International listed below and have inventor's certificate or on which priority is claim	n priority benefits foreign application application which o also identified belo PCT International med.	under Title 35, United States Code, n(s) for patent or inventor's certificate, designated at least one country other the tow, by checking the box, any foreign ap	Section 119(a)-(d) or or Section 365(a) of nan the United States, pilication for patent or that of the application Priority Not Claimed
Section 1.56. I hereby claim foreign Section 365(b) of any any PCT International ilisted below and have inventor's certificate or on which priority is claim. Prior Foreign Application	priority benefits foreign application application which a also identified belo PCT International med.	under Title 35, United States Code, n(s) for patent or inventor's certificate, designated at least one country other tow, by checking the box, any foreign an application having a filing date before	Section 119(a)-(d) or or Section 365(a) of an the United States, oplication for patent or that of the application

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ection 365(c) of any PCT Intern sofar as the subject matter of inited States or PCT Internation I.S.C. Section 112, I acknowled office all information known to	ational application designating each of the claims of this app al application in the manner p ge the duty to disclose to the me to be material to patents	any United States application(s), of the United States, listed below and olication is not disclosed in the prio provided by the first paragraph of 3: United States Patent and Trademan ability as defined in Title 37, CFF
ection 365(c) of any PCT Intern sofar as the subject matter of inited States or PCT Internation I.S.C. Section 112, I acknowled iffice all information known to ection 1.56 which became availated.	ational application designating each of the claims of this ap al application in the manner p ge the duty to disclose to the me to be material to patents able between the filing date of	the United States, listed below and blication is not disclosed in the prio provided by the first paragraph of 39 United States Patent and Trademan
ection 365(c) of any PCT Intern sofar as the subject matter of inited States or PCT Internation .S.C. Section 112, I acknowled liftice all information known to ection 1.56 which became avails r PCT International filing date of the soft in the section 1.55 which became available.	ational application designating each of the claims of this app al application in the manner p ge the duty to disclose to the me to be material to patent able between the filing date of this application:	the United States, listed below and olication is not disclosed in the prior provided by the first paragraph of 3 United States Patent and Trademar ability as defined in Title 37, CFI the prior application and the national (Status)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor
DANIEL H. COHN
Sole or first inventor's signature

Peatience
Residence
S38 14th STREET, SANTA MONICA, CA 90402
Citizenship
UNITED STATES
Post Office Address
SAME AS ABOVE

Fuil name of second inventor, if any MUHAMMAD FAIYAZ-UL-HAQUE	
Second inventor's signature W. M. 2	5th November, 1999
Residence HOUSE #250, STREET #31, SECTOR 8/2, ISLAM, BAD, PAKISTA	N
Citizenship PAKISTAN	-
Post Office Address SAME AS ABOVE	

Full name of third inventor, if any
LILY KING
Third inventor's signature

Passidence
S766 WEST OLYMPIC BOULEVARD, LOS ANGELES, CA 90036

Citizenship
UNITED STATES
Post Office Address
SAME AS ABOVE

Full name of fourth inventor, if any DEBORAH KRAKOW

Fourth inventor's signature Date

Residence 10828 WELLWORTH AVENUE, LOS ANGELES, CA 90024

Citizenship UNITED STATES

Post Office Address SAME AS ABOVE

PATENT 18810-81552

July 2, 2001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Daniel H. Cohn, Muhammad Faiyaz ul Haque, Lily M. King and Deborah Krakow

Serial No.

UNASSIGNED

Filed:

Herewith

For:

3-PHOSPHOADENOSINE-5-PHOSPHOSULFATE (PAPS)

SYNTHETASE PROTEINS AND METHODS FOR TREATING

OSTEOARTHRITIC DISORDERS

Examiner:

Unknown

Unit:

DECLARATION UNDER 37 C.F.R. § 1.821 (f) (g)

CERTIFICATE OF EXPRESS MAILING

July 2, 2001

Ann Weiss

EL 900688417. US

Express Label No.

BOX PATENT APPLICATION Assistant Commissioner for Patents

Washington, D. C. 20231

Date of Deposit and Signature

Dear Sir:

I, Nisan A. Steinberg, Ph.D., hereby state, as required by 37 C.F.R. § 1.821(f), that the content of the paper and computer readable copies of the enclosed sequence listing, submitted in accordance with 37 C.F.R. § 1.821(c) and (e), respectively, are to the best of my knowledge, the same, and are the same as the sequences disclosed in the application as filed.

I hereby also state, as required by 37 C.F.R. § 1.821(g), that to the best of my knowledge, the enclosed submission includes no new matter.

Respectfully submitted.

Nisan A. Steinberg, Ph.D.

Registration No. 40,345

SIDLEY AUSTIN BROWN & WOOD

555 West Fifth Street

Los Angeles, California 90013-1010

Ofc: 213/896-6665

Fax: 213/896-6600

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Daniel H. Cohn, Muhammad Faiyaz ul Haque, Lily M. King, and

Deborah Krakow 09/399.212

Serial No. Filed:

September 17, 1999

For GENETIC MARK

GENETIC MARKER FOR SPONDYLOEPIMETAPHYSEAL

DYSPLASIA

Examiner:

Unassigned 1643

CERTIFICATE UNDER 37 C.F.R. 3.73(b) ESTABLISHING RIGHT OF ASSIGNEE TO PROSECUTE

Assistant Commissioner for Patents

Washington, D. C. 20231

I HERIEW CERTIFY THAT THIS COMPESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CASS MAIL IN AM ENVELOPE ADDRESSED TO THE ASSISTANT COMMISSIONER FOR PATENTS WASHINGTON, D. C. 20231, ON
IN THE DATE
1/19/89
(DATE OF SIGNATURE)

Sir:

Cedars-Sinai Medical Center

certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of chain of title from the inventor, of the patent application identified above, to the current assignee as shown below:

 From: Daniel H. Cohn, Muhammad Faiyaz ul Haque, Lily M. King, and Deborah Krakow
 To: Cedars-Sinai Medical Center

The document is being filed herewith with the Patent and Trademark Office. A copy thereof is attached.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: 1/1/7/99 Name: Peter E. Braveman, Esq.

Title: Senior Vice President for Legal Affairs and General Counsel

Signature:

	THE TOTAL	77.77.77.77	Dookst No.
PRTIFICATE OF IT Population (S): Daniel H.	MAILING L. FIRST CLAS Cohn et al.	55 MAIL (37 CFR 1.8)	Docket No. P07 42719
ppcom(g). Daniel III		l	
Serial No.	Filing Date	Examiner	Group Art Unit
09/399,212	09/17/99	Not Assigned	1643
vention:			
GENETIC M	ARKER FOR SPONDYLOEPIN	METAPHYSEAL DYSPLASIA	
I hereby certify that thi	s Verified Statement (Declarat	ion) Claiming Small Entity Stat	tus
		(Identify type of correspondence)	
is being deposited wit	h the United States Postal Ser	vice as first class mail in an e	envelope addressed to: The
Assistant Commission	er for Patents, Washington, D.C		19/99
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	-	(Signature of Person Mallin	g Correspondence)
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			LAIMING SMALL ENTIT	
	al No. 99,212	Filing Date 09/17/99	Patent No.	Issue Date
Applicant/ Patentee:	DANIEL H. COHN E	ΓAL.		
Invention:	GENETIC MARK	ER FOR SPONDYLOEPI	IMETAPHYSEAL DYSPLASIA	
NAME OF C	ORGANIZATION:	CEDARS-SINAI MEDIO 8700 BEVERLY BOULL LOS ANGELES, CA 90	EVARD	ion identified below:
TYPE OF N	IONPROFIT ORGANI	ZATION:		
	University or other In	nstitute of Higher Education	on	
×	Tax Exempt under li	nternal Revenue Service	Code (26 U.S.C. 501(a) and 50	1(c)(3))
	Nonprofit Scientific of Name of State:	or Educational under Statu	ute of State of The United State Citation of Statute:	s of America
		x Exempt under Internal I	Revenue Service Code (26 U.S of America	.C. 501(a) and
		onprofit Scientific or Educa ad in The United States of	ational under Statute of State of America Citation of Statute:	The United States of
	.9(e) for purposes of		zation qualifies as a nonprofit e United States Patent and Tra	
	the specification to b	e filed herewith.		

- M the application identified above.
- the patent identified above.

I hereby declare that rights under contract or law have been conveyed to and remain with the nonprofit organization with regard to the above identified invention.

If the rights held by the above-identified nonprofit organization are not exclusive, each individual, concern or organization having rights to the invention is listed on the next page and no rights to the invention are held by any person, other than the inventor, who could not qualify as an independent inventor under 37 CFR 1.9(c) or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).

				have assigned, granted, convey, or license any rights in		
	•		r organization e or organization	exists. In is listed below.		
FULL NAME						
ADDRESS						
		Individual		Small Business Concern		Nonprofit Organization
FULL NAME						
ADDRESS		Individual		Small Business Concern		Nonprofit Organization
FULL NAME	_	marroum	_		_	
ADDRESS						
		Individual		Small Business Concern		Nonprofit Organization
FULL NAME						
ADDRESS						
	u	Individual		Small Business Concern		Nonprofit Organization
Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27) I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b)) I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or lunder Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed. NAME OF PERSON SIGNING: PETER E. BRAVEMAN, ESQ.						
TITLE IN ORG	SANIZATIO	V: .	Senior Vice-P	resident for Legal Affairs and	l General Co	ınsel
ADDRESS OF	PERSON	SIGNING:	8700 Beverly			
-		1	Los Angeles,	CA 90048-1869		<i>!</i>
SIGNATURE:	10	25		DATE	:: <u> </u>	12/99

Page 1 of 1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE REVOCATION OF PRIOR POWERS AND NEW POWER OF ATTORNEY

Assistant Commissioner for Patents Washington, DC 20231

CERTIFICATE OF MARLING UNDER ST C.F.R. § 1.8 marriert is being depended on this di is read in an envelope addressed to: Wheateness, OC 20091. 416/4114/11

Honorable Sir.

Cedars-Sinel Medical Center, having a piece of business at 8700 Severly Boulevard, Suits 2112, Los Angeles, Castomia 90048-1986, and being the owner of the entire right, title and interest to the patent applications identified on the attached fet, hereby revokes all previously given powers of atomey for the applications lated on attached sheet, and hereby appoints the following:

applications listed on attached sheet, and ne	Kena et	BOSING GTD 1.000000.	_
Attorner .		Registration !	<u> </u>
Edward G, Popleveld Denies L, McKanzis Nisan A, Stainburg, Ph.D.		33,43 0 43,790 40,34 6	

all of whom are members in good standing of a state bar, and are members of the law firm of Sidley Austin Brown & Wood, 556 West Fifth Street, Los Angeles, Casifornia 80013-1010 at (213) 989-8000, its representatives with full power of substitution and revocation, to transact at business in the United States Patent and Tradement Office connected therewith.

Effective immediately, please change the correspondence address related to the identified patent applications on the attached abest:

from: Pretty, Schroeder, et al. 444 South Flower Street Los Angeles, California 90071 tot

Edward Q. Poplawatti, Esq. Sidey Austin Brown & Wood 555 West Fifth Street Los Angeles, California 90013-1016

and direct all future correspondence to the above address; and refer all telephone communications to Edward G. Poplaweld at (213) 806-8601.

CHRASE WHILE MUNICIPAL CENTRAL

2001 Dated: May 2. 27

at for Legal Affairs and General

Counsel

ASSIGNMENT

WHEREAS, Daniel H. Cohn of Santa Monica, CA, Muhammad Faiyaz ul Haque of Islamabad, Pakistan, Lily M. King of Los Angeles, CA, and Deborah Krakow of Los Angeles, CA., Assignors, have invented a new and useful GENETIC MARKER FOR SPONDYLOEPIMETAPHYSEAL DYSPLASIA for which an application for United States Letters Patent, Serial No. 09/399,212, filed September 17, 1999, was executed by them on or about the same date as this Assignment; and

WHEREAS, Assignors believe themselves to be the original, first and joint inventors of the invention disclosed and claimed in the application for Letters Patent; and

WHEREAS, CEDARS-SINAI MEDICAL CENTER, a California non-profit organization, having a place of business at 8700 Beverly Boulevard, Los Angeles, CA 90048-1869, Assignee, desires to acquire by formal, recordable assignment the entire right, title and interest in and to the invention, the application, and any Letters Patent that might be granted for the invention in the United States and throughout the world;

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) and of other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignors hereby sell, assign and transfer to Assignee, the entire right, title and interest in and to the invention, the application, and any Letters Patent that might be granted for the invention in the United States and throughout the world, including the right to file foreign applications directly in the name of Assignee and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise.

Further, Assignors agree that, upon request and without further compensation, but at no expense to Assignor, they and their legal representatives and assigns will perform all lawful acts, including the execution of papers and the giving of testimony, that might be necessary or desirable for obtaining, sustaining, reissuing or enforcing Letters Patent in the United States and throughout the world for the invention, and for perfecting, recording or maintaining the title of Assignee, its successors and assigns, to the invention, the application, and any Letters Patent granted for the invention in the United States and throughout the world.

Assignors represent and warrant that they have not granted and will not grant to others any rights inconsistent with the rights granted by this Assignment.

Assignors authorize and request the Commissioner of Patents and Trademarks of the United States and of all foreign countries to issue any Letters Patent granted for the invention, whether on the application or on any subsequently filed division, continuation, continuation-in-part or reissue application, to Assignee, its successors and assigns, as the assignee of the entire interest in the invention.

IN WITNESS WHEREOF, Assignors have executed this Assignment.

Assignors

Date: 11/199	Jal H Cc
Date: 11/17/99	
Date: \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Deforch Krakow
Date:	
_	
State of Calyanna)	
A solution) ss.	

On this 197th day of Nounder, in the year of 1999, before me personally appeared Daniel H. Cohn, personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to this instrument, and acknowledged to me that he executed it.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year of this certificate first above written.

Notary Public in and for Said County and State



State of)
) ss.
County of)
On this day of, in the year of 1999, before me personally
appeared Muhammad Faiyaz ul Haque, personally known to me or proved to me on the basis
of satisfactory evidence to be the person whose name is subscribed to this instrument, and
acknowledged to me that he executed it.
IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the
day and year of this certificate first above written.

Notary Public in and for Said

County and State

State of California

County of as angeler

On this / May of Wound , in the year of 1999, before me personally appeared Lily M. King, personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to this instrument, and acknowledged to me that he executed it.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year of this certificate first above written.

State of <u>California</u>)) ss.
County of <u>Parangeles</u>)

On this / 1st day of Lipsandum, in the year of 1999, before me personally appeared Deborah Krakow, personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to this instrument, and acknowledged to me that he executed it.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year of this certificate first above written.

Notary Public in and for Said

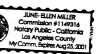
County and State

JUNE- BLEN MILLER Commission #1149316 Notary Public - Colliomia Los Angeles County My Comm. Expires Aug 25, 2001

June - Elen Miller

Notary Public in and for Said

County and State



ASSIGNMENT

WHEREAS, Daniel H. Cohn of Santa Monica, CA, Muhammad Faiyaz ul Haque of Islamabad, Pakistan, Lily M. King of Los Angeles, CA, and Deborah Krakow of Los Angeles, CA., Assignors, have invented a new and useful GENETIC MARKER FOR SPONDYLOEPIMETAPHYSEAL DYSPLASIA for which an application for United States Letters Patent, Serial No. 09/399,212, filed September 17, 1999, was executed by them on or about the same date as this Assignment; and

WHEREAS, Assignors believe themselves to be the original, first and joint inventors of the invention disclosed and claimed in the application for Letters Patent; and

WHEREAS, CEDARS-SINAI MEDICAL CENTER, a California non-profit organization, having a place of business at 8700 Beverly Boulevard, Los Angeles, CA 90048-1869, Assignee, desires to acquire by formal, recordable assignment the entire right, title and interest in and to the invention, the application, and any Letters Patent that might be granted for the invention in the United States and throughout the world;

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) and of other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignors hereby sell, assign and transfer to Assignee, the entire right, title and interest in and to the invention, the application, and any Letters Patent that might be granted for the invention in the United States and throughout the world, including the right to file foreign applications directly in the name of Assignee and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise.

Further, Assignors agree that, upon request and without further compensation, but at no expense to Assignor, they and their legal representatives and assigns will perform all lawful acts, including the execution of papers and the giving of testimony, that might be necessary or desirable for obtaining, sustaining, reissuing or enforcing Letters Patent in the United States and throughout the world for the invention, and for perfecting, recording or maintaining the title of Assignee, its successors and assigns, to the invention, the application, and any Letters Patent granted for the invention in the United States and throughout the world.

Assignors represent and warrant that they have not granted and will not grant to others any rights inconsistent with the rights granted by this Assignment. Assignors authorize and request the Commissioner of Patents and Trademarks of the United States and of all foreign countries to issue any Letters Patent granted for the invention, whether on the application or on any subsequently filed division, continuation, continuation-in-part or reissue application, to Assignee, its successors and assigns, as the assignee of the entire interest in the invention.

IN WITNESS WHEREOF, Assignors have executed this Assignment.

Assignors	\wedge
Date: 5th November, 1999	M. MIH
Date:	
Date:	
Date:	
State of) ss. County of)	
appeared Daniel H. Cohn , personally known evidence to be the person whose name is sub that he executed it.	, in the year of 1999, before me personally in to me or proved to me on the basis of satisfactory scribed to this instrument, and acknowledged to me creunto set my hand and affixed my official seal the ritten.
Notary Public in County and	
County and	1 State

State of <u>Illingin</u>) ss.
County of Cosh.
On this $5 \pm \frac{1}{5}$ day of Mruhe, in the year of 1999, before me personally
appeared Muhammad Faiyaz ul Haque, personally known to me or proved to me on the basis
of satisfactory evidence to be the person whose name is subscribed to this instrument, and
acknowledged to me that he executed it.
IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the
day and year of this certificate first above written.
Notary Public in and for Said County and State OFFICIAL SEAL County and State
State of)
) ss.
County of)
On this day of, in the year of 1999, before me personally

On this _____ day of ______, in the year of 1999, before me personally appeared Lily M. King, personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to this instrument, and acknowledged to me that he executed it.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year of this certificate first above written.